



Welcome to the Computer Science Career Path

Let's get started!

Welcome to the Computer Science Career Path! In this path, you will learn the skills and concepts that a programmer should know. You will gain a foundation in Python programming, implement different data structures and algorithms, and explore key concepts like computer architecture and discrete math. We'll also make sure to prepare you for the infamous technical interviews you'll encounter once you begin your job hunt.

Learning Objectives

After this Path, you will be able to:

- Set up your own work environment and version control your work with Git/GitHub
- Write Python code
- Explain and implement key data structures and algorithms in Python
- Design and build PostgreSQL databases
- Explain Computer Architecture concepts
- Use Discrete Math skills to improve your programs
- Pass a Python whiteboard interview

Syllabus Pages

We've created two types of syllabus pages to help guide you through this journey. You've already navigated to this article from the first type: The Career Path Syllabus.

